

Sample requisition no. - RDKL / FW / 2324 / SR00011

Allocation Date - 5/10/2023

Due date - 19/10/2023

Sample requisition no. - RDKL / FW / 2324 / SR00012

Allocation Date - 5/10/2023

Due date - 19/10/2023

Test start date - 6/10/2023

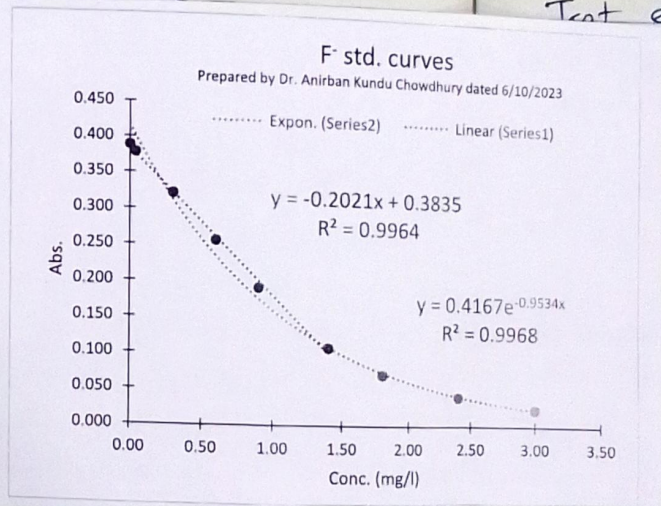
Test End. date - 6/10/2023

Parameter - F<sup>-</sup> (Fleuroside)

Name of the Supervisor - Md. A. Rafique

Std. curve experiment done @ 570 nm

Std. (mg/L)	Vol, ml.	Abs@ 570 nm
0.00 (Blank)	50	0.388
0.04	50	0.378
0.30	50	0.322
0.60	50	0.257
0.90	50	0.192
1.40	50	0.109
1.80	50	0.072
2.40	50	0.041
3.00	50	0.024



Sample code	Vol, ml.	Dilution Factor	Abs@ 570 nm	Conc (mg/L)
2324 / RDKL / FW / FW / L00009	50	1	0.294	0.44
" " / L00008	50	1	0.307	0.38

Calculation.

\* Hence, the absorbance of all the samples lies within the linear range recommended by APHA i.e., 0.00 - 1.40 mg/L (Abs = 0.388 - 0.109), The Following equation was used to determine conc. of F<sup>-</sup> in the Samples.

$$y = -0.2021x + 0.3835$$

Where y = Abs. of the Samples, X = conc. of the samples (mg/L)

अ.क. चौधरी.

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10/10/23

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Parameter  
Name of the Supervisor  
Std. curve experiment done @  
Conc. (mg/L)

Sample code  
2324 / RDKL / WW

2324 / RDKL / WW

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